

Converting Colors

Hex(67B381)

Have a look what the booklet for
Hex(67B381) contains.

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Color

Hex(67B381)

Conversions

Conversions Part 1

Format	Color
Hex	67B381
RGB	103, 179, 129
RGB Percent	40%, 70%, 51%
CMY	0.5961, 0.2980, 0.4941
CMYK	0.42, 0.00, 0.28, 0.30
HSL	141°, 33%, 55%
HSV	141°, 42%, 70%
XYZ	25.6761, 36.7087, 26.5011
YIQ	150.5760, -29.2460, -31.6620

Conversions

Conversions Part 2

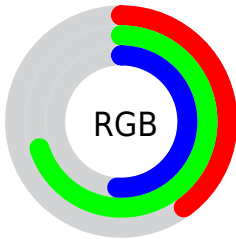
Format	Color
RYB	103, 160, 179
Decimal	6796161
CIELab	67.06, -34.79, 18.33
CIELCh	67, 39.321, 152.212
Yxy	36.7087, 0.2889, 0.4130
Android (android.graphics.Color)	4284986241 (0xFF67B381)
YUV	150.5760, -10.6370, -41.7242
Hunter-Lab	60.5877, -30.3832, 16.4779

Details

The Hex color **67B381** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B36799**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **9DEBB6**, and **317E4F** is the 20% darker color. If you saturate the color by 10%, you get **55B375**, and if you desaturate by 10%, it is **79B38D**.

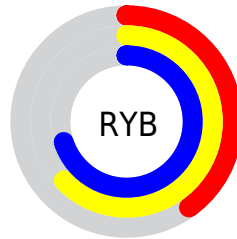
Distribution



Red (40%)

Green (70%)

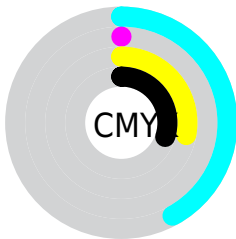
Blue (51%)



Red (40%)

Yellow (63%)

Blue (70%)

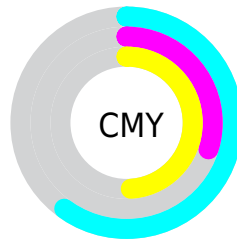


Cyan (42%)

Magenta (0%)

Yellow (28%)

Black (30%)



Cyan (60%)

Magenta (30%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67B381 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 67B381 by changing the saturation by 10% instead.



67B381



67B381

FFFFFF



4C9868



9DEBB6



317E4F



B9FFD2



126438



D6FFEE



004C22



F3FFFF



00340D



002000



000000



67B381



67B381



55B375



79B38D

 43B369

 8BB399

 31B35E

 9DB3A4

 1FB352

 AFB3B0

 0EB346

 C1B3BC

 00B33D

 D2B3C8

 E4B3D3

 F6B3DF

 FFB3EB

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92AC66



67B381



2EB6A5

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67B381



72A6EA



E68B7F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67B381



B36799

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E687A2



67B381



AA99DF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67B381



25B0E1



D28DC5



D59665

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67B381



00B6BD



D28DC5



E8898A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67B381



CAE8D4



9AB367



637569



F5F5F5



757575

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67B381



72E89A



67B3A6



505953



009934



001A09

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B36799



E872C0



B36774



595056



990065



1A0011

Previews

White Background



This preview shows how the Hex color 67B381 looks on a white background.

Color Contrast Check

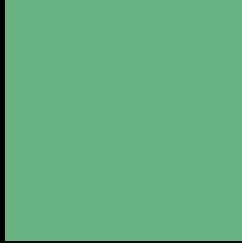
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 67B381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

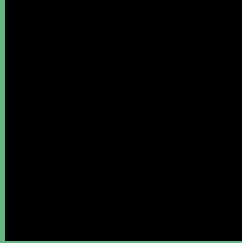
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 67B381 Background



This preview shows how black text looks on a background with the Hex color 67B381.



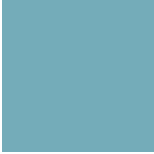
This preview shows how white text looks on a background with the Hex color 67B381.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

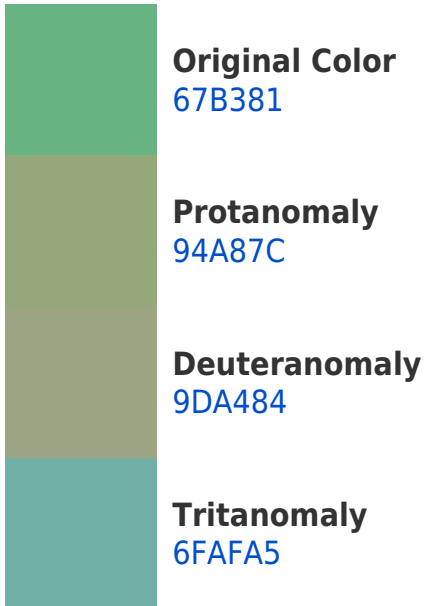
Dichromacy





Tritanopia
74ACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67B381 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #67B381 looks like.

```
.text, #text, p{  
    color:#67B381  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #67B381 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67B381
}
```

Border

The CSS property to change the border of an element to Hex 67B381 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67B381 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#67B381 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #67B381 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67B381; -webkit-box-shadow:4px 4px  
4px 4px #67B381; box-shadow:4px 4px 4px  
4px #67B381 }
```

Background

The CSS property to change the background color of an element to Hex 67B381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67B381 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#67B381 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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